

ABSTRACT OF THE DISCLOSURE

A method for compensating a rotational position error of a robot cleaner is disclosed to reduce a rotational position error of a robot cleaner by compensating an offset value of a gyro sensor of the robot cleaner. The method includes:
5 detecting an offset value of a sensor for detecting a rotational speed of a robot cleaner; compensating the detected offset value; and correcting a rotational position of the robot cleaner on the basis of the compensated offset value.